



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C45-4-5

Job Sheet 171967



Part No: C45-4-5

Job Qty: 20 ea

Part Name: Loadbeam Spacer



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/9/18

Job Tracking No:

Due Date: 2/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C45-4-5 Rev 1A IPP Rev A 18.02.08 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		2/15/18	0.00	0.00	Start Up Machining-4		18-2-20
120	Mori Seiki	20 pcs		2/16/18	1.00	1.33	MORI SL-154		
130	QC	20 pcs		2/16/18	0.00	0.00	QC2 Machining-5		
140	QC	20 pcs		2/16/18	0.00	0.00	QC8 Machining-5		18-02-20
150	Outsource	20 pcs		2/16/18	0.00	0.00	Outsource15		AT 18/03/07
160	Packaging	20 pcs		2/16/18	0.00	0.00	Packaging2		APR 8/03/07
170	QC	20 pcs		2/16/18	0.00	0.00	QC6		38
180	Packaging	20 pcs		2/16/18	0.00	0.00	Packaging3-2	WAOZ	MAR 06 2018
190	QC21-FG	20 Ea		2/16/18	0.00	0.00	QC21		21 MAR 07 2018

Part Op 120 - 1-Machine as per folio FB 852 FOLIO REV: 2-Debur DWG REV: 2-Debur

Descriptions: 150 - Issue P/O to Groupe Altech: P/O 23990 - Nickel plate, QQ-N-290, Class 2, Grade E or F - Nickel Plate .0004-.0006 - Certificate of Conformity is required
160 - Receive
180 - Identify and Stock
FEB 22 2018 WJP

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R1.000	AISI 4140 Quenched & Tempered Steel Round Bar 1.000" Dia.	.4000 ft (.02 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R1.000	0	5	0

SC09410

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Part Specifications

Specifications c



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www.dartaerospace.com

Container No: S043615



Part: C45-4-5

Job No: 171967

Serial No/Batch: S043615

Revision: C45-4-5

Inspector:

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



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PURCHASE ORDER PO039090

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	170611	RBE350A94-3700-C-03	Bolt -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	3/1/18	9 pcs	0 pcs	9 pcs	\$5.00/pcs	\$45.00
Line Item Note Parts made from Grade B7 Medium Strength Steel										
5	171627	RBST2120-9	Pin Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	3/1/18	4 pcs	0 pcs	4 pcs	\$5.00/pcs	\$20.00
Line Item Note parts are made from High Speed Tool Steel - Rockwell C60										
6	171047	RBST1007-9	Pin Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	3/1/18	4 pcs	0 pcs	4 pcs	\$5.00/pcs	\$20.00
Line Item Note Parts made from High-Speed Tool Steel - Rockwell C60										
7	170597	RBE350A93-3303-02-5	Extractor Pin -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	3/1/18	6 pcs	0 pcs	6 pcs	\$5.00/pcs	\$30.00
Line Item Note Parts made from T-4140										
8	170598	RBE350A93-3303-02-7	Stud Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	3/1/18	20 pcs	0 pcs	20 pcs	\$5.00/pcs	\$100.00
Line Item Note parts made from Black Oxide Steel										
9	171210	RBEM12669/P-1-03	Hoisting Tool Handle -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2	Firmed	3/1/18	4 pcs	0 pcs	4 pcs	\$9.00/pcs	\$36.00



Certificat de Conformité / Certificate of Compliance

(007034-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

007034- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courrier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
02-Mar-2018		Aman Kaur			PO039090			
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
9	RBEM12669/P-1-03 Rev.	RBEM12669/P-1-03 ZINC PLATE, ASTM B633 TYPE 1SC2	ZINC CH	4	4	0	0	0
12	C45-4-5 Rev.	C45-4-5 01 -E-NIC STEEL 500 [E-NICKEL STEEL 500] NICKLE PLATE QQ-N-290, CLASS 2, GRADE E OR F, NICKLE PLATE .0004-.0006	E-NICKEL STEEL CH	20	20	0	0	0

DA
38
9-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.